

IMPROVED REDUCING MACHINE ROTOR ASSEMBLY AND
METHODS OF CONSTRUCTING AND OPERATING THE SAME

1/13/06

[001] This application is a continuation in part of application, Serial No. 09/846,937 filed May 1, 2001 and claims the priority thereof and of provisional application Serial No. 60/203,241 filed May 8, 2000, and also the priority of provisional application Serial No. 60/246,862 filed November 8, 2000. The application also claims the priority of provisional application Serial No. 60/446,143 filed February 10, 2003. This invention relates to rotor assemblies for heavy machinery such as hammer mills and wood hogs for fragmenting waste wood and other products, including demolition debris, stumps, pallets, large timbers, and the like into particulate or chips which are useful, for example, as mulch, groundcover, and fuel. *now US PATENT NUMBER 6880774*

BACKGROUND OF THE INVENTION

[002] The present invention is directed to improved rotor constructions of rugged and durable character. The present assignee owns U.S. Patent 5,713,525, issued February 3, 1998, for a typical wood hog machine and U.S. Patent 5,419,502, issued May 30, 1995, for a typical tub grinder hammer mill system. Both patents are incorporated herein by reference. The rotor assemblies of the present invention are usable with either type of machine. A cutter tooth assembly for such machines is